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(54) Title: ANALOGS OF GASTRIC INHIBITORY PEPTIDE AND THEIR USE FOR TREATMENT OF DIABETES

(57) Abstract: The present invention provides peptides which stimulate the release of insulin. The peptides, based on GIP 1-42 include substitutions and/or modifications which enhance and influence secretion and/or have enhanced resistance to degradation. The invention also provides a process of N terminally modifying GIP and the use of the peptide analogues for treatment of diabetes.

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB 00/01089

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/575 A61K38/22 A61P5/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data, EPO-Internal, WPI Data, PAJ, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 196 16 486 A (HANS KNOELL INST FUER NATURSTO) 30 October 1997 (1997-10-30) claims; examples ---	1,7-11
A	EP 0 869 135 A (LILLY CO ELI) 7 October 1998 (1998-10-07) page 3, line 2 - line 49; claims; examples --- -/--	1,7-11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>CHEMICAL ABSTRACTS, vol. 131, no. 1,  5 July 1999 (1999-07-05)  Columbus, Ohio, US;  abstract no. 944,  O'HARTE, FINBARR P. M. ET AL:  "NH<sub>2</sub>-terminally modified gastric  inhibitory polypeptide exhibits amino-  peptidase resistance and enhanced  antihyperglycemic activity"  XP002151675  abstract  &amp; DIABETES (4-1999), 48(4), 758-765 ,  1999,</p> <p style="text-align: center;">-----</p>	1,7-11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

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